

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	watanabe-harukazu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 12:19
L2	396	398/118-120.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 12:20
L3	303	398/201.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 12:20
L4	421	398/130-131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 12:20
L5	50468	ellip\$7 same (beam\$1 or beamspot\$1 or light)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 12:20
L6	17054	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 12:21
L7	309	5 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 12:21
L9	4726	5.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 13:54
L10	31	6 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 13:54
L11	387	398/128,129.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 14:27
S1	2	"20040042717".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 16:42
S2	1	("5,777,768").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/17 16:42
S3	16089	ellip\$7 with (beam\$1 or beamspot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:46
S4	15419	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:46
S5	109	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 16:47

S6	820899	overlap\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 16:47
S7	33	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 16:47
S8	8131	ellip\$7 same (beam\$1 or beamspot\$1 or light) same (crosssection\$1 or cross)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:17
S9	226	S6 same S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:01
S10	2865056	optic\$4 or laser\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:45
S11	175	S9 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:01
S12	10	("4327972").URPN.	USPAT	OR	OFF	2007/07/17 17:07
S13	50	S4 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:09
S14	26156	overlap\$4 with (beam \$1 or beamspot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:44
S15	273	S4 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:17
S16	232185	ellip\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:17
S17	3963	S14 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:17
S18	66	S4 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:17
S19	13	("4259584"   "4529584"   "4555631"   "4794796"   "4796183"   "4996435"   "5134169"   "5134639"   "5140696"   "5229871"   "5469488"   "5535033"   "6043916").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/17 17:32
S20	24128	"372".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/17 17:32

S21	1042	S14 and S20	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/17 17:33
S22	64	S8 and S21	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/17 17:33
S23	6	("5134426").URPN.	USPAT	OR	OFF	2007/07/17 17:34
S24	60383	intensity with distribut \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:47
S25	3336	S14 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:47
S26	3219	S10 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:47
S27	23383	"398".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:48
S28	45862	S20 or S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:48
S29	35	S25 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:55
S30	18262	S24.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:55
S31	50	S27 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/17 17:55
S32	16103	ellip\$7 with (beam\$1 or beamspot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:47
S33	26175	overlap\$4 with (beam \$1 or beamspot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:28
S34	2191	S32 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:28
S35	15443	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:28
S36	23	S35 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:30
S37	232488	ellip\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:30
S38	273	S33 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:30

S39	66	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:36
S40	194473	optic\$4 with communicat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:36
S41	283	S34 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:36
S42	488361	(free adj space) or freespace or wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:37
S43	114	S41 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:43
S44	28501	elongat\$4 with (beam \$1 or beamspot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:46
S45	50	S35 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:44
S46	1948	S33 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:44
S47	10	S35 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:44
S48	2737	oval with (beam\$1 or beamspot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:46
S49	325	S33 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:46
S50	32	S49 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/20 18:46
S51	1221	398/118-131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:45
S52	1897256	(optic\$4 or laser\$1 or (light with emit\$4)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:47
S53	18574	ellip\$7 with (beam\$1 or beamspot\$1 or spot \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:51
S54	11216	S52 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:47
S55	21	S51 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:47

S56	32651	overlap\$4 with (beam\$1 or beamspot\$1 or spot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:47
S57	5234548	(optic\$4 or laser\$1 or light or led\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:48
S58	3142198	inclin\$4 or angl\$4 or tilt\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:48
S59	367064	S57 with S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:49
S60	10966	S56 and S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:49
S61	8049	S52 and S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:49
S62	16129	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:49
S63	179	S60 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:50
S64	233026	elliptic\$4 or ellipsoid\$4 or ellips\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/08 12:38
S65	59	S63 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:10
S66	1	watanabe-harukazu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:10
S67	31810	S64.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:10
S68	4748	S56.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:11
S69	126	S67 and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:11
S70	603538	S58.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:11
S71	64	S69 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:12
S72	377	398/118-120.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:13

S73	291	398/201.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 19:13
S74	400	398/130-131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/08 12:38
S75	2	"20040126120".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/08 13:18
S76	1	2002-657905.NRAN.	DERWENT	OR	OFF	2007/12/08 13:18
S77	1221	398/118-131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/08 13:24
S78	84044	(emitter\$1 or emitting or laser\$1 or light\$1 or led\$1) near2 array\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/08 13:25
S79	87153	(transmitter\$1 emitter \$1 or emitting or laser \$1 or light\$1 or led\$1) near2 array\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/08 13:25
S80	150	S77 and S79	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/09 10:39
S81	1221	398/118-131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/09 10:39
S82	87205	(transmitter\$1 emitter \$1 or emitting or laser \$1 or light\$1 or led\$1) near2 array\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/09 10:39
S83	150	S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/09 10:39
S84	99	S83 and angl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/09 10:43

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